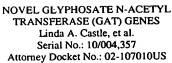
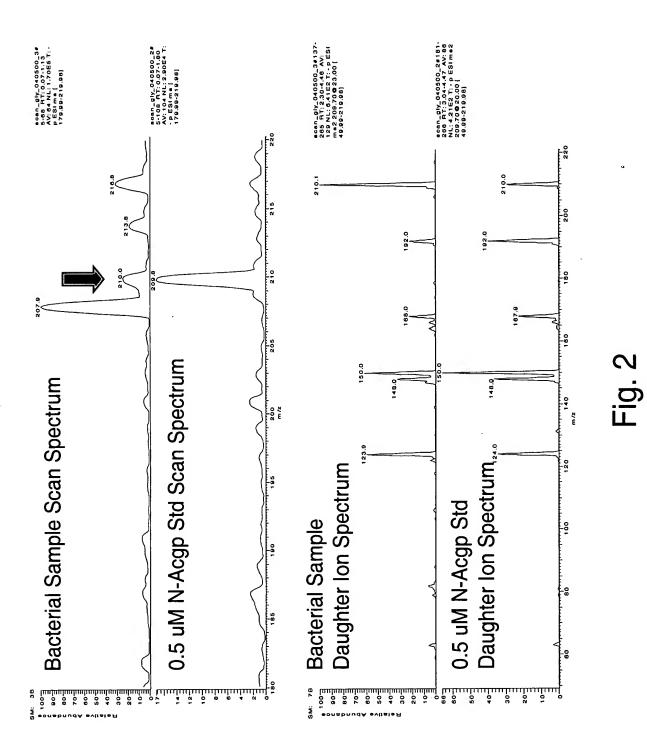


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Naci	eotide i	identity	Nucleotide identity between sequence pairs	n sedne	ence pai	S
	B6	DS3	ST401	NHA-2	NH5-2	yitl
B6	* *	95.0	93.2	94.8	92.8	62.0
DS3		* *	95.5	8.66	95.0	61.8
ST401			* *	95.2	99.5	62.4
NHA-2				*	94.8	61.5
NH5-2					* *	62.9
yitl						*

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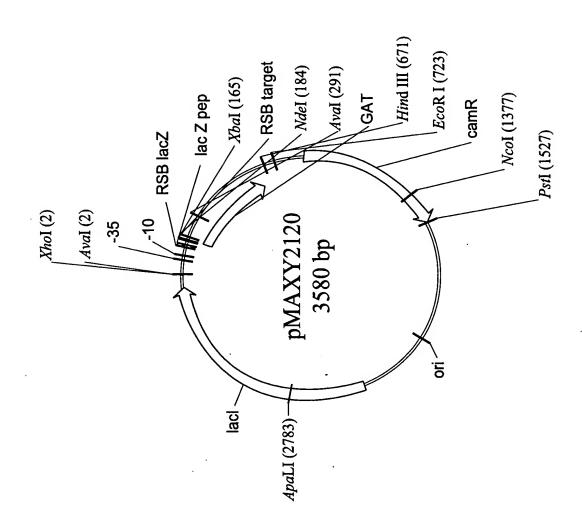


Fig. 4

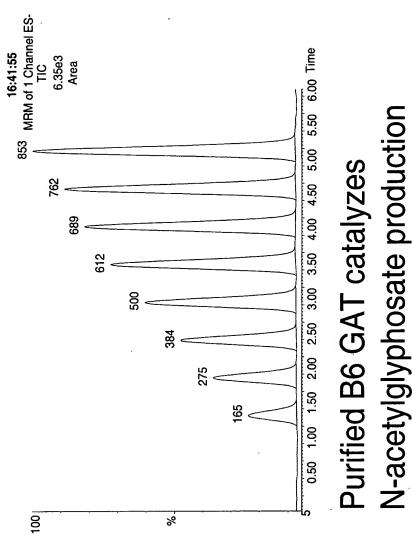
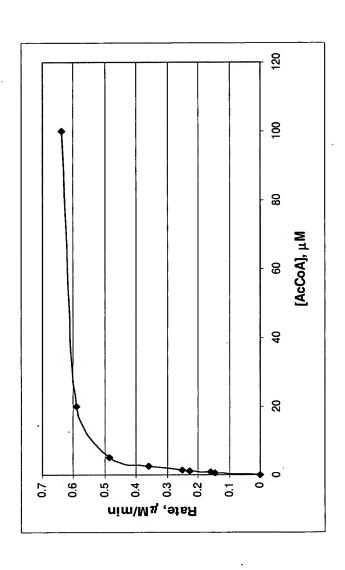


Fig. 5

NOVEL GLYPHOSATE N-ACETYL TRANSFERASE (GAT) GENES Linda A. Castle, et al. Serial No.: 10/004,357 Attorney Docket No.: 02-107010US

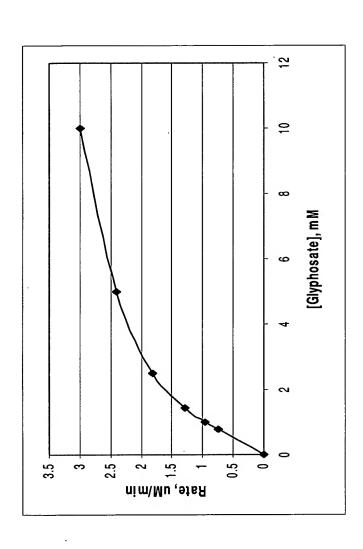
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B6 GAT  $K_M$  for Acetyl CoA = 2  $\mu$ M

Fig. 6

Serial No.: 10/004,357 Attorney Docket No.: 02-107010US



B6 GAT  $K_M$  for glyphosate = 2.9 mM

Fig. 7

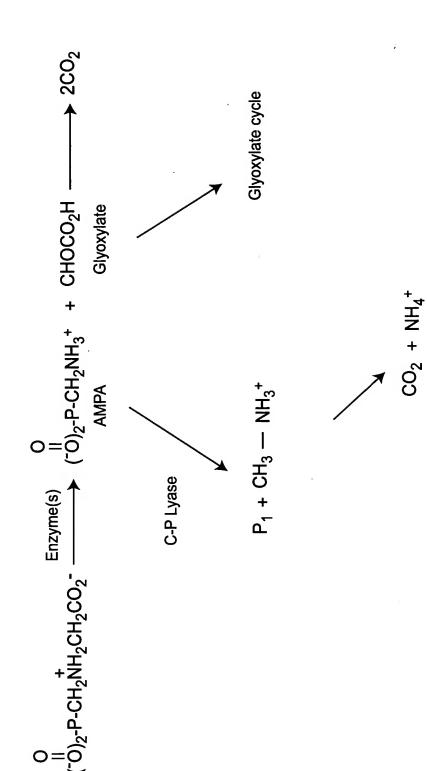


Fig. 8

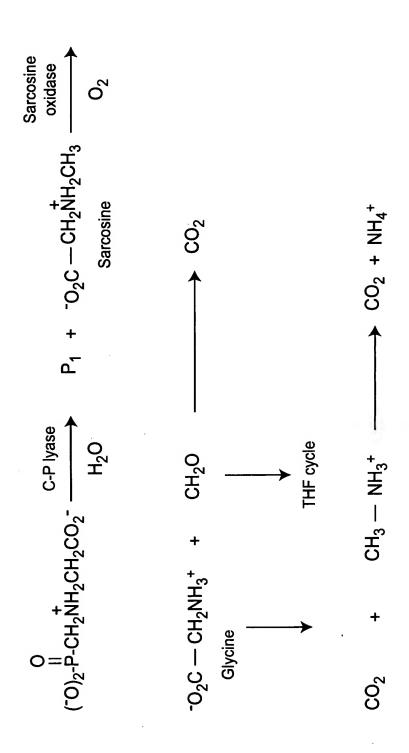


Fig. 9

A K K C C O C H C H C H K K A K F K K K

Fig. 10

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KM

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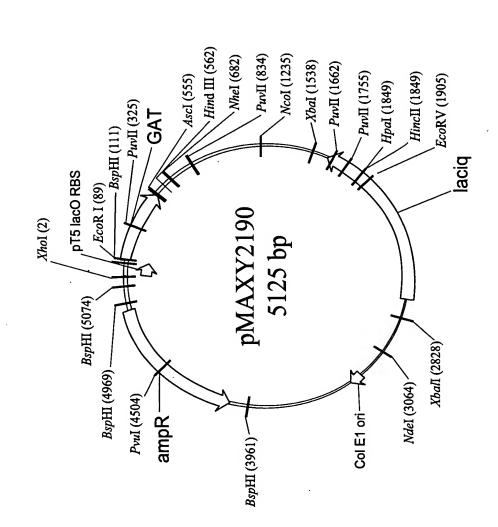


Fig. 11

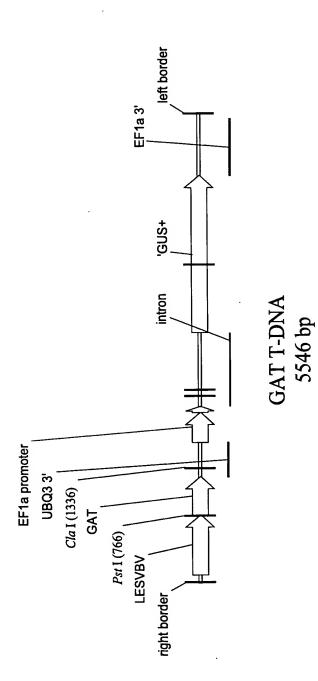


Fig. 12

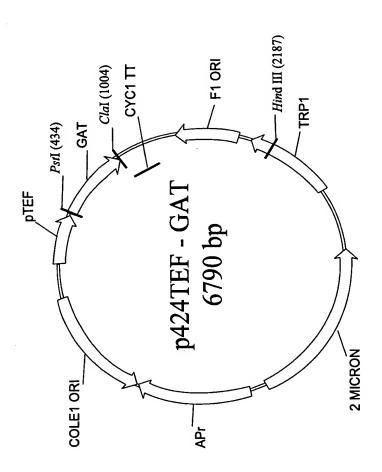


Fig. 13